

of *Anthus cervinus* from Lower California, and gives its synonymy and characters. He also has a 'Note on *Merula coufnis* (Baird),'\* recording and describing two specimens taken by Mr. Belding at Laguna, Lower California, the species having hitherto rested on the original type specimen obtained by Xantus in 1860. These specimens show "not only quite constant but very pronounced" characters, so that there is now no reason "for denying it the specific rank to which it is clearly entitled."—J. A. A.

Cory's Birds of Haiti and San Domingo.†—Part I of Mr. Cory's work on the birds of Haiti and San Domingo appeared early in March, and consists of five colored plates and 40 quarto pages of text. Beginning with Turdidæ, 27 species are treated, carrying the work into the Tanagridæ, and including three of Mr. Cory's recently described species, namely, *Ligea palustris*,‡ *Hirundo sclateri*, and *Myiadestes montanus*. Each of these species is figured, as are also *Mimocichla ardesiaca* and *Spindalis multicolor*. A plate is also devoted to the nest and eggs of *Mimocichla ardesiaca*. Each species is fully described, and to the descriptions are added in some cases measurements of a considerable series of specimens. The synonymy and bibliographical references are reasonably full; the manner of occurrence of each species in the region under consideration is recounted, and some account is given of the breeding habits, nests and eggs of several of the resident species. The biographical notes are, however, fewer than we had hoped to see them. The plates are excellent as regards coloration and structural details, but are somewhat stiff and lacking in artistic finish. We also notice a few typographical errors in the technical names. The work, however, promises to be a very important contribution to our knowledge of the birds of a hitherto very imperfectly known region. Mr. Cory is certainly entitled to great credit for his enterprise in gathering the materials for his work and presenting them so acceptably.—J. A. A.

Minor Ornithological Publications.—'Forest and Stream,' Vols. XX and XXI, March 15-Jan. 23, 1884, contain, besides the greater part of Mr. Everett Smith's 'Birds of Maine' (see Bull. N. O. Club, VIII, pp. 164-166), the following (Nos. 609-668):—

609. *The Carrion Crow.* (*Cathartes atratus.*) By Byrne. *Forest and Stream*, XX, No. 3, p. 45.—Account of its habits as observed at Crockett's Bluff, Ark.

610. *The Horned Lark.* By Rev. J. H. Langille. *Ibid.*, No. 4, pp. 66, 67.—Its habits and abundance in Western New York.

\* Proc. U. S. Nat. Mus. 1883, p. 158.

† The Birds of Haiti and San Domingo, by Charles B. Cory, F. L. S. Published for the Author by Estes and Lauriat, Boston, U. S. A. Part I [March] 1884, 4to. pp. 17-56, pll. 6.

‡ The plate of *Ligea palustris* appeared in advance of the work in the first number of 'The Auk,' to which Mr. Cory generously contributed it in illustration of his original description of the species.

611. *Ohio Bird Arrivals.* By A. Hall. *Ibid.*, No. 5, p. 85.— Gives dates of arrival of the Bluebird for five years at East Randolph, O., etc.

612. *Black Vulture in Northern Dakota.* By George A. Boardman. *Ibid.*, No. 6, p. 106.

613. *Winter Birds in Western Massachusetts.* By W. W. Colburn. *Ibid.*, No. 6, p. 106.— Capture of the Great Gray Owl (*Syrnium cinereum*) at Agawam. (This specimen is also recorded in Bull. N. O. C., VIII, p. 123, and by W. A. Stearns in *Amherst Record* (newspaper) of Aug. 1, 1883.)

614. *The Yellow-bellied Woodpecker. Picus* —. By B. Horsford. *Ibid.*, No. 7, p. 124. Kills trees by girdling them.

615. *Will Owls kill Crows?* By G. Albert Knapp. *Ibid.*, No. 7, p. 125.— Answered affirmatively by the citation of instances.

616. *Our Winter Birds.* By George Enty. *Ibid.*, No. 8, p. 146.

617. *The Great Carolina Wren in Connecticut.* By C. H. Neff. *Ibid.*, No. 8, p. 47.— Taken at Portland, Conn., March 2, 1883. (Same specimen also recorded in Bull. N. O. C., VIII, 120.)

618. *The Ptarmigan Winter.* By H. G. V[ennor]. *Ibid.*, No. 9, p. 166.— Ptarmigans in the neighborhood of Pembroke, Canada, during the winter of 1882-83.

619. *Mocking-Bird in Massachusetts.* By John C. Cahoon. *Ibid.*, No. 10, p. 185.— Taken at Taunton, March 26, 1883, by the writer.

620. *Massachusetts Winter Birds. Birds Wintering at Taunton, Mass., and Vicinity, during the Winter of 1882-83.* By John C. Cahoon. *Ibid.*, No. 12, p. 224.

621. *Some Southern California Birds.* By James E. Wadham. *Ibid.*, No. 12, p. 225.— Notes on 6 species.

622. *Turkey Buzzard in Maine.* By R. A. Gushee. *Ibid.*, No. 13, p. 245.— One taken at East Fryeburg, and another seen.

623. *Spring Birds of Nebraska.* By A. Hall. *Ibid.*, No. 14, pp. 265, 266, No. 15, p. 284.— An annotated list of 114 species, observed in the "vicinity of the Platte River, in Southeastern Nebraska, from March 1 to June 1, 1880." Includes Sprague's Lark (breeding), Townsend's Flycatcher, Baird's Sparrow, Leconte's Sparrow, Lark Bunting, Arctic Towhee, Magpie, Burrowing Owl, and other Western birds, with most of the common Eastern species.

624. *Nova Scotia Spring Notes.* By J. Matthew Jones. *Ibid.*, No. 15, p. 285.— Records the arrival of some of the earlier spring birds.

625. *Birds of Northern Ohio.* By Seym. R. Ingersoll. *Ibid.*, No. 16, pp. 304, 305.— A briefly annotated list of 208 species.

626. *Notes on the Birds of Alabama.* By A. M. R. *Ibid.*, No. 17, p. 323.— An annotated list of some 94 species. The Bobolink and *Siurus naevius* reported as breeding; the Ivory-billed Woodpecker as "common in the mountainous region of the north," while the Pileated is not given! There are other notes that evidently require explanation or confirmation. The notes were made "during the summers of 1880 and 1881," and relate to the "two extremes" (northern and southern) of the State. It is, there-

fore, greatly to be regretted that the notes relating to the two localities were not kept separate.

627. *Birds of Northern Ohio. Additions.* By H. E. Chubb. *Ibid.*, No. 18, p. 343.—Forty-four species are added to Mr. Ingersoll's list (see above, No. 625), raising the total number to 252; and there are emendatory notes on 8 others.

628. *A Naturalist in Washington Territory.* By Kallakalla. *Ibid.*, No. 19, p. 363.—An interesting paper, largely ornithological. We regret that the author has impaired its availability by concealing his identity under a pseudonym.

629. *When the Birds Return.* *Ibid.*, No. 19, p. 364.—Two articles: the first, by 'Old Turkey,' gives the arrival of about 70 species at Long Hill, N. J., March 3 to May 27, 1883; the other, by S. R. I[ngersoll], gives the arrival of upwards of 80 species at Cleveland, O.

630. *Winter and Spring Notes, 1882-83.* By Charles H. Neff. *Ibid.*, No. 19, p. 364.—Observations made at Portland, Conn., Dec. 9 to April 1.

631. *The English Sparrow.* By E. C. Bell. *Ibid.*, No. 19, p. 364.—Vigorous comment on its bad qualities.

632. *Anomalies in Bird Life.* By Lew Vanderpool. *Ibid.*, No. 20, p. 383.—An albino Robin; a Baltimore Oriole imitating the Catbird's song.

633. "Do Rails Carry Their Eggs." By J. D. L. *Ibid.*, No. 20, p. 384.—A supposed instance cited.

634. *How to Kill the English Sparrow.* By Wilson Flagg. *Ibid.*, No. 26, p. 503.—By use of a steam fire engine!

635. *Breeding Quail in Confinement.* By John J. Willis. *Ibid.*, Vol. XXI, No. 5, p. 84.—Successful attempts reported.

636. *Hybridity in Birds.* Editorial. *Ibid.*, p. 84.—Comment on the case of hybridity between the Snowbird and White-throated Sparrow reported by Mr. Townsend (Bull. N. O. C., VIII., p. 78; Proc. Acad. Nat. Sci., 1883, p.—), and a case of hybridity reported between the Mallard and Pintail Duck.

637. *Breeding Quail in Confinement.* By Henry Benbrook. *Ibid.*, No. 7, p. 123.—Other successful attempts reported.

638. *The Birds of Maine.* By Everett Smith. *Ibid.*, No. 8, pp. 143, 144.—Reply to 'W. B.'s' review (Bull. N. O. C. VIII. 164-166) of his series of papers on this subject.

639. *Nova Scotia Summer Notes.* By J. Matthew Jones. *Ibid.*, No. 9, p. 163.—Contains a few bird notes.

640. *The White-winged Gull. Larus leucopterus.* By Everett Smith. *Ibid.*, No. 9, pp. 163, 164.—Referring specimens previously identified by Mr. W. Brewster (Bull. N. O. C., VIII. 125) as *L. glaucescens* to *L. leucopterus*, with further comment on Mr. Brewster's review of the writer's 'Birds of Maine.'

641. *American Ornithologists' Union.* [By C. Hart Merriam.] *Ibid.*, No. 10, p. 183.—Report of the proceedings of the meeting for organization held in New York City, Sept. 26-28, 1883.

642. *Quail bred in Confinement*. By G. N. (Savannah, Ga.). *Ibid.*, No. 11, p. 183.—Another successful attempt reported.
643. "The Birds of Maine." By William Brewster. *Ibid.*, No. 11, p. 202.—A rejoinder to Mr. Everett Smith. (See above, Nos. 638, 640.)
644. *The Birds of Prospect Park [Brooklyn, N. Y.]*. By W. B. Wyman. *Ibid.*, No. 12, pp. 226, 227.—A nominal list of 81 species, including a number of improbable occurrence.
645. *Domesticating Game Birds*. Editorial. *Ibid.*, No. 14, p. 264.—Notes on the Ruffed Grouse, the Pintail Grouse, and the common Quail.
646. *The Birds of Prospect Park*. By Louis A. Zerega. *Ibid.*, No. 16, p. 304.—A criticism on a previous article of the same title (see above, No. 644), exposing its untrustworthiness. An editorial apology for the admission of the former article into the pages of 'Forest and Stream' follows.
647. *Importation of Game Birds [into Massachusetts]*. By J. N. S. *Ibid.*, No. 16, p. 305.—English Pheasants.
648. *How to Prepare Bird Skins*. Editorial. *Ibid.*, No. 16, p. 304. (Reprinted from 'F. and S.' of Dec. 1, 1881.)
649. *Rearing Pheasants*. By Frank J. Thompson. *Ibid.*, No. 17, pp. 324, 325.—Directions for the care and propagation of Pheasants.
650. *Game Birds [Rails and Quails] at Sea*. By Fayette S. Giles. *Ibid.*, No. 19, p. 363.
651. *The Bohemian Waxwing*. By F. E. L. Beal. *Ibid.*, No. 19, p. 363.—Its appearance in considerable numbers at Ames, Iowa, in Nov. 1883.
652. *Swallow-tailed Kite in Maine*. Editorial. *Ibid.*, No. 19, p. 363.—An erroneous record (see below, No. 665).
653. *The Purple Finch and his Cousins*. I. *Carpodacus purpureus*. By Dr. Elliott Coues. *Ibid.*, No. 20, pp. 385, 386.—Biography of the species.
654. *The Whooping Crane*. By Picket. *Ibid.*, No. 21, p. 407.—An interesting account of its habits.
655. *The Purple Finch and his Cousins*. II. *Carpodacus cassini*. By Dr. Elliott Coues. *Ibid.*, No. 22, p. 435.—Biography of the species.
656. *Interesting Pets*. By Violet S. Williams. *Ibid.*, No. 22, pp. 435, 436.—Relates mainly to a "great brown and white owl."
657. *Nesting of the Hooded Merganser [in the Adirondacks]*. By Fred. Mather. *Ibid.*, No. 22, p. 436.
658. *The Purple Finch and his Cousins*. III. *Carpodacus frontalis*. By Dr. Elliott Coues. *Ibid.*, No. 23, p. 451.—Biography of the species.
659. *The White-winged Gull*. By Everett Smith. *Ibid.*, No. 24, p. 474.—A reply to Mr. Brewster (see above, No. 643).
660. *A Tame Crow*. By J. F. Sprague. *Ibid.*, No. 24, p. 474.
661. *A Least Bittern [at Onondaga Lake, N. Y.]*. By Walt. Mickle. *Ibid.*, pp. 474, 515.
662. *Picooides arcticus in Massachusetts*. By W. A. Stearns. *Ibid.*, No. 24, p. 474.—Near Dorchester, August 11, 1883.

663. *Note on the Eider Duck.* By Charles Linden. *Ibid.*, No. 24, p. 474.

664. *Cardinal Grosbeaks in Winter.* By H. C. Kirkpatrick. *Ibid.*, No. 24, p. 474.—At Meadville, Pa.

665. "*Swallow-Tailed Kite in Maine.*" Editorial. *Ibid.*, No. 24, p. 464.—Sent from the West—not killed in Maine. (See above, No. 652.)

666. *Range of Carpodacus frontalis.* By J. *Ibid.*, No. 25, p. 493.—A pair killed at Fort Lyon, Col., June 3, 1883, the female containing an egg nearly ready to lay.

667. *Bird Migration.* By C. Hart Merriam. *Ibid.*, No. 26, pp. 514, 514.—Circular of the A. O. U. Committee on Migration of Birds.

668. *Late Snipe.* By S. R. Ingersoll. *Ibid.*, No. 26, p. 515.—Taken at Cleveland, O., Dec. 23, 1883.

**Publications Received.**—Coues, E., and D. Webster Prentiss. *Avifauna Columbiana: being a list of the Birds ascertained to inhabit the District of Columbia, etc.* (Bull. U. S. Nat. Mus., No. 26, 1883.)

Dalgleish, John J. *Notes on a Second Collection of Birds and Eggs from Central Uruguay.* (Proc. Roy. Phys. Soc. Edinburgh, VIII, pp. 77-88.)

Lescuyer, F. (1) *Langage et chant des Oiseaux.* Svo., pp. 134. Paris, 1878. (2) *Étude sur les Oiseaux. Architecture des Nids.* Deuxième édition, revue et augmentée. Svo., pp. 222. Paris, 1878. (3) *Utilité de l'Oiseau. Étude élémentaire d'ornithologie.* Svo., pp. 80. Paris, 1883.

Shalow, Herman. (1) *Ueber die Fortschritte auf dem Gebiete der Ornithologie in den letzten fünf Jahren in faunistischer Beziehung.* (Journ. für Orn., Juli, 1883.) (2) *Die ornitholog. Sammlungen Dr. R. Böhm's aus Ost-Afrika. I, Ueber die Sammlungen aus den Gebieten von Zanzibar, Ugogo und Kakoma.* (Journ. für Orn., Oct. 1883.)

Ridgway, Robert. (1) *Descriptions of some New North American Birds.* (2) *Description of a New American Kingfisher.* (3) *Notes on Psaltriparus grindæ Belding.* (4) *Note on the Generic Name Calodromas.* (5) *A Review of the American Crossbills (Loxia) of the L. curvirostra type.* (6) *Remarks on the type specimens of Muscicapa fulvifrons, Giraud, and Mitrephorus pallescens, Coues.* (7) *Note regarding the earliest name for Carpodacus hæmorrhous (Wagler).* (Proc. Biol. Soc. Washington, II, April, 1884.)

Stejneger, Leonhard. (1) *Diagnoses of New Species of Birds from Kamtschatka and the Commander Islands.* (Proc. Biol. Soc. Washington, II, April, 1884.) (2) *Classification of Birds.* (Science Record, May, 1884.) (3) *Ueber einige Formen der Untergattung Anorthura.* (Zeitsch. für die gesammte Ornithologie, I, Heft 1, 1884.)

Meyer, A. B. *Ueber neue und ungenügend bekannte Vögel, Nester und Eier aus dem Ostindischen Archipel im Königl. Zoologischen Museum zu Dresden.* (Sitzungs- u. Abhandl. der Isis, 1884, Abh. 1.)

Reichenow, Ant. (1) *Bericht über die Leistungen in der Naturgeschichte der Vögel während des Jahres 1882.* (Journ. für Orn., Oct. 1884.) (2)